



STIC Search Report

EIC 3700

STIC Database Tracking Number: 99141

TO: CATHARINE L ANDERSON

Location: CP2-1030 3b24

Art Unit: 3761

Friday, July 18, 2003

Case Serial Number: 09/778687

From: Caryn Wesner-Early

Location: EIC 3700

CP2-2C08

Phone: 305-8587

caryn.wesner@uspto.gov

Search Notes

If a modification or re-focus of this search is needed, please let me know.

Caryn S. Wesner-Early, MSLS
Technical Information Specialist
EIC 3600, US Patent & Trademark Office

On temporary assignment to EIC 3700

Phone: (703) 305-8587

Fax: (703) 306-5915

caryn.wesner@uspto.gov

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Lynne Anderson Examiner #: 78740 Date: 7/17/03
 Art Unit: 3761 Phone Number 306-5716 Serial Number: 091-778687
 Mail Box and Bldg/Room Location: 3B24 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Active Change Aid for External Articles

Inventors (please provide full names): Mark Kline, Donald Roe, Ann Sullivan

Earliest Priority Filing Date: 2/15/00

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Magnet, air jet, or thermal cell capable of
 aiding in the application or removal of an article
 worn by a person (clothing, diaper, bandage, etc.)

604/389
 a 611-013?

223/111
 a 479-025?

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Platen - Lally</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-8584</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>ELC 3766</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>7/18/03</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>7/18/03</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____



STIC Search Results Feedback Form

EIC 3700

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

John Sims, EIC 3700 Team Leader
308-4836, CP2-2C08

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3730

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC3700 CP2 2C08



?show files;ds

File 348:EUROPEAN PATENTS 1978-2003/Jul W02

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030717,UT=20030710

(c) 2003 WIPO/Univentio

File 347:JAPIO Oct 1976-2003/Mar(Updated 030703)

(c) 2003 JPO & JAPIO

File 351:Derwent WPI 1963-2003/UD,UM &UP=200345

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	4	AU='KLINE M'
S2	29	AU='KLINE M J'
S3	1	AU='KLINE MARK'
S4	45	AU='KLINE MARK J':AU='KLINE MARK JAMES'
S5	22	AU='ROE D'
S6	180	AU='ROE D C'
S7	229	AU='ROE DONALD':AU='ROE DONALD CARROLL'
S8	15	AU='SULLIVAN ANN MARIE':AU='SULLIVAN ANNE MARIE'
S9	14	AU='SULLIVAN A'
S10	11	AU='SULLIVAN A M'
S11	510	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10
S12	43296	IC=(A61F-013? OR A47G-025?)
S13	312	S11 AND S12
S14	1401002	MAGNET??? OR ELECTROMAGNET? OR ELECTRICAL()CHARGE? ? OR AI- R()(JET? ? OR CURRENT? ? OR FLOW OR BLAST OR SPRAY) OR THERMA- L()CELL? ?
S15	42	S13 AND S14
S16	42	IDPAT (sorted in duplicate/non-duplicate order)
S17	38	IDPAT (primary/non-duplicate records only)

17/AY,AZ,TI/1 (Item 1 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

014507989

Aid for assisting removal/application of external articles e.g. diaper,
comprises functional element selected from group consisting of magnet,
air jet and thermal cell
Local Applications (No Type Date): US 2000504485 A 20000215; US 2000504765
A 20000215; US 2001778687 A 20010207
Priority Applications (No Type Date): US 2001778687 A 20010207; US
2000504485 A 20000215; US 2000504765 A 20000215

17/AY,AZ,TI/2 (Item 2 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

014126642

An absorbent article having a thermal cell actuator for adding or
removing heat so that a useful function is performed upon it or the
environment between this and a wearer
Local Applications (No Type Date): US 2000504485 A 20000215; US 2000504765
A 20000215; US 2001778371 A 20010207
Priority Applications (No Type Date): US 2001778371 A 20010207; US
2000504485 A 20000215; US 2000504765 A 20000215

17/AY,AZ,TI/3 (Item 3 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

014065448

Absorbent article, e.g. diapers for absorbing and/or containing body
exudates, comprises phase change material capable of adding or removing
heat to or from article
Local Applications (No Type Date): US 2000504485 A 20000215; US 2000504765
A 20000215; US 2001778375 A 20010207
Priority Applications (No Type Date): US 2001778375 A 20010207; US
2000504485 A 20000215; US 2000504765 A 20000215

17/AY,AZ,TI/4 (Item 4 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

014057412

Absorbent article as e.g. diaper, adult incontinence pad, or feminine
protection pad, comprises thermal cell actuator
Local Applications (No Type Date): WO 2001US4608 A 20010214; AU 200136973 A
20010214; EP 2001909192 A 20010214; WO 2001US4608 A 20010214
Priority Applications (No Type Date): US 2000504765 A 20000215; US
2000504485 A 20000215

17/AY,AZ,TI/5 (Item 5 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

013991800

Disposable garment useful as, e.g. disposable diaper, includes resilient,
expandable member which expands upon admission of air into its envelope
Local Applications (No Type Date): WO 2001US900 A 20010111; AU 200141400 A
20010111; US 2000481042 A 20000111; EP 2001912645 A 20010111; WO
2001US900 A 20010111
Priority Applications (No Type Date): US 2000481042 A 20000111

17/AY,AZ,TI/6 (Item 6 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01534609

Change aids for external articles

Hilfsvorrichtung zum Auswechseln externer Artikel

Dispositif pour faciliter l'echange des objets externes

APPLICATION (CC, No, Date): EP 2001117671 010726;

17/AY,AZ, TI/7 (Item 7 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01057635

ABSORBENT ARTICLE HAVING IMPROVED FECAL STORAGE STRUCTURE

ABSORBIERENDE ARTIKEL MIT VERBESSERTEM FAKALSPEICHERELEMENT

ARTICLE ABSORBANT A STRUCTURE DE RETENUE DES MATIERES FECALES AMELIOREE

APPLICATION (CC, No, Date): EP 98959447 981113; WO 98US24298 981113

PRIORITY (CC, No, Date): US 66777 P 971115; US 172405 981014

17/AY,AZ, TI/8 (Item 8 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01055725

ABSORBENT ARTICLE HAVING IMPROVED VISCOUS FLUID BODILY WASTE MANAGEMENT
PROPERTIES

ABSORBIERENDE ARTIKEL MIT VERBESSERTER VERWALTUNG VON VISKOSEN
KORPERAUSSCHIEDUNGSFLUSSIGKEITEN

ARTICLE ABSORBANT POSSEDANT DES PROPRIETES AMELIOREES DE RETENTION DE
MATIERES CORPORELLES LIQUIDES OU VISQUEUSES

APPLICATION (CC, No, Date): EP 98959459 981116; WO 98US24389 981116

PRIORITY (CC, No, Date): US 970508 971114; US 970509 971114; US 970870
971114

17/AY,AZ, TI/9 (Item 9 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01035655

SANITARY NAPKIN WITH IMPROVED FASTENING DEVICE

WINDEL IM SANITAREN BEREICH MIT VERBESSERTER SCHLIESSVORRICHTUNG

DISPOSITIF DE FIXATION AMELIORE POUR SERVIETTES PERIODIQUES

APPLICATION (CC, No, Date): EP 98941113 980901; WO 98US18064 980901

PRIORITY (CC, No, Date): US 57614 P 970904

17/AY,AZ, TI/10 (Item 10 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01035654

ABSORBENT ARTICLE FASTENING DEVICE

VERSCHLUSS VON ABSORBIERENDEN ARTIKELN

DISPOSITIF DE FIXATION POUR ARTICLES ABSORBANTS

APPLICATION (CC, No, Date): EP 98941111 980901; WO 98US18062 980901

PRIORITY (CC, No, Date): US 57613 P 970904

17/AY,AZ, TI/11 (Item 11 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00577557

ABSORBENT MEMBERS CONTAINING INTERPARTICLE CROSSLINKED AGGREGATES

ABSORBIERENDES MATERIAL MIT UNTEREINANDER VERNETZTEN AGGREGATEN

ELEMENTS ABSORBANTS CONTENANT DES AGREGATS RETICULES INTERPARTICULAIRES

APPLICATION (CC, No, Date): EP 91907357 910325; WO 91US1892 910325

PRIORITY (CC, No, Date): US 503500 900402; US 503501 900402

17/AY,AZ,TI/12 (Item 12 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

01015702

WEARABLE DISPOSABLE ARTICLE HAVING A WETNESS SENSATION MEMBER
ARTICLE JETABLE QU'ON PEUT PORTER POSSEDANT UN ELEMENT DE SENSATION DE
MOUILLE

Application: WO 2002US36587 20021114

17/AY,AZ,TI/13 (Item 13 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

01015696

AN ABSORBENT ARTICLE FASTENING DEVICE
DISPOSITIF D'ATTACHE POUR ARTICLE ABSORBANT

Application: WO 2002US36597 20021114

17/AY,AZ,TI/14 (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

01009819

ARTICLES COMPRISING IMPREGNATED THERMOPLASTIC MEMBERS AND METHOD OF
MANUFACTURING THE ARTICLES
ARTICLES COMPRENANT DES ELEMENTS THERMOPLASTIQUES INCORPORES ET PROCEDE DE
PRODUCTION ASSOCIE

Application: WO 2002US35421 20021105

17/AY,AZ,TI/15 (Item 15 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00877981

ABSORBENT ARTICLE WITH IMPROVED FASTENING SYSTEM
ARTICLE ABSORBANT A SYSTEME DE FIXATION AMELIORE

Application: WO 2001US24596 20010803

17/AY,AZ,TI/16 (Item 16 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00877980

ABSORBENT ARTICLE WITH IMPROVED SURFACE FASTENING SYSTEM
ARTICLE ABSORBANT MUNI D'UN SYSTEME DE FIXATION EN SURFACE AMELIORE

Application: WO 2001US24556 20010803

17/AY,AZ,TI/17 (Item 17 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00877978

ABSORBENT ARTICLE WITH IMPROVED FASTENING SYSTEM
ARTICLE ABSORBANT A SYSTEME DE FIXATION AMELIORE

Application: WO 2001US24557 20010803

17/AY,AZ,TI/18 (Item 18 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00858515

ABSORBENT ARTICLE HAVING A SPACER MAINTAINING A VOID SPACE
ARTICLE ABSORBANT PRESENTANT UN ELEMENT D'ESPACEMENT DELIMITANT UN ESPACE

VIDE

Application: WO 2001US16355 20010518

17/AY,AZ,TI/19 (Item 19 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00851910
COMPOSITE FABRIC PANEL FOR DISPOSABLE ABSORBENT ARTICLES
PANNEAU DE TISSU COMPOSITE POUR ARTICLES ABSORBANTS JETABLES
Application: WO 2001US14806 20010508

17/AY,AZ,TI/20 (Item 20 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00827136
DISPOSABLE ABSORBENT ARTICLE WITH DEACTIVATABLE ADHESIVE
ARTICLE ABSORBANT JETABLE POURVU D'ADHESIF POUVANT ETRE DECOLLE
Application: WO 2001US4617 20010214

17/AY,AZ,TI/21 (Item 21 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00827135
ABSORBENT ARTICLE WITH THERMALLY ACTIVATABLE ADHESIVES
ARTICLE ABSORBANT AVEC ADHESIFS ACTIVABLES PAR VOIE THERMIQUE
Application: WO 2001US4615 20010214

17/AY,AZ,TI/22 (Item 22 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00827134
ABSORBENT ARTICLE WITH WATER-ACTIVATABLE TOPICAL ADHESIVES
ARTICLE ABSORBANT AVEC ADHESIFS TOPIQUES ACTIVABLES PAR L'EAU
Application: WO 2001US4614 20010214

17/AY,AZ,TI/23 (Item 23 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00827132
ABSORBENT ARTICLE WITH PHASE CHANGE MATERIAL
ARTICLE ABSORBANT COMPRENANT UN MATERIAU A CHANGEMENT DE PHASE
Application: WO 2001US4616 20010214

17/AY,AZ,TI/24 (Item 24 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00791118
ARTICLE HAVING A TRANSFERABLE BREATHABLE SKIN CARE COMPOSITION THEREON
ARTICLE POSSEDANT UNE COMPOSITION TRANSFERABLE, PERMEABLE A L'AIR DESTINEE
AU SOIN DE LA PEAU
Application: WO 2000US25789 20000920

17/AY,AZ,TI/25 (Item 25 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00773818
ABSORBENT ARTICLE FOR VISCOUS FLUID BODILY WASTE
ARTICLE ABSORBANT POUR FLUIDES CORPORELS VISQUEUX

Application: WO 2000US18730 20000710

17/AY,AZ,TI/26 (Item 26 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00729975

DIAPER INSERT HAVING ADJUSTABLE ABSORBENT ASSEMBLIES
INSERT DE COUCHE A ENSEMBLES ABSORBANTS REGLABLES
Application: WO 2000US727 20000112

17/AY,AZ,TI/27 (Item 27 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560977

PERSONAL CARE WITH AN APERTURE ALIGNED BY A SKIN ADHESIVE FOR RECEIVING
FECAL MATERIAL
ARTICLE D'HYGIENE PERSONNELLE DESTINE A RECUEILLIR LES MATIERES FECALES, A
OUVERTURE ALIGNEE SUR LES ORIFICES NATURELS ET MAINTENUE PAR UN ADHESIF
S'APPLIQUANT SUR LA PEAU
Application: WO 99US24291 19991018

17/AY,AZ,TI/28 (Item 28 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00536775

DISPOSABLE TREATMENT ARTICLE HAVING A RESPONSIVE SYSTEM
ARTICLE JETABLE POURVU D'UN SYSTEME SENSIBLE
Application: WO 99US14636 19990629

17/AY,AZ,TI/29 (Item 29 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00536764

DISPOSABLE ARTICLE HAVING BODILY WASTE ISOLATION DEVICE
ARTICLE JETABLE POURVU D'UN DISPOSITIF D'ISOLATION DE MATIERES CORPORELLES
Application: WO 99US14635 19990629

17/AY,AZ,TI/30 (Item 30 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00536746

DIRECTIONALLY PREFERENTIAL WASTE PASSAGE MEMBER FOR USE WITH DISPOSABLE
ABSORBENT ARTICLE
ELEMENT DE PASSAGE DES DECHETS A DIRECTION PREFERENTIELLE POUR ARTICLE
ABSORBANT JETABLE
Application: WO 99US14883 19990629

17/AY,AZ,TI/31 (Item 31 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00493942

ABSORBENT ARTICLE HAVING IMPROVED VISCOUS FLUID BODILY WASTE MANAGEMENT
PROPERTIES
ARTICLE ABSORBANT POSSEDANT DES PROPRIETES AMELIOREES DE RETENTION DE
MATIERES CORPORELLES LIQUIDES OU VISQUEUSES
Application: WO 98US24389 19981116

17/AY,AZ,TI/32 (Item 32 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00493940

ABSORBENT ARTICLE WITH MACRO-PARTICULATE STORAGE MEMBER
ARTICLE ABSORBANT A STRUCTURE DE RETENTION A MICRO-PARTICULES
Application: WO 98US24315 19981113

17/AY,AZ,TI/33 (Item 33 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00493939

ABSORBENT ARTICLE HAVING IMPROVED FECAL STORAGE STRUCTURE
ARTICLE ABSORBANT A STRUCTURE DE RETENUE DES MATIERES FECALES AMELIOREE
Application: WO 98US24298 19981113

17/AY,AZ,TI/34 (Item 34 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00481151

DIAPER HAVING ADJUSTABLE ABSORBENT ASSEMBLIES
COUCHE-CULOTTE POSSEDANT DES ENSEMBLES ABSORBANTS AJUSTABLES
Application: WO 98IB1336 19980828

17/AY,AZ,TI/35 (Item 35 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00479860

SANITARY NAPKIN WITH IMPROVED FASTENING DEVICE
DISPOSITIF DE FIXATION AMELIORE POUR SERVIETTES PERIODIQUES
Application: WO 98US18064 19980901

17/AY,AZ,TI/36 (Item 36 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00479859

ABSORBENT ARTICLE FASTENING DEVICE
DISPOSITIF DE FIXATION POUR ARTICLES ABSORBANTS
Application: WO 98US18062 19980901

17/AY,AZ,TI/37 (Item 37 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00465863

ABSORBENT ARTICLE WITH ADJUSTABLE WAIST FEATURE
ARTICLE ABSORBANT CARACTERISE PAR UNE CEINTURE REGLABLE
Application: WO 98US11945 19980609

17/AY,AZ,TI/38 (Item 38 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00314544

DISPOSABLE ABSORBENT ARTICLE HAVING A PUMP AND AN INFLATABLE COMPONENT
ARTICLE ABSORBANT JETABLE COMPORTANT UNE POMPE ET UN COMPOSANT GONFLABLE
Application: WO 95US4960 19950503

17/3,K/1 (Item 1 from file: 351)
DIALOG(R) File 351:Derwent WPI
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014507989 **Image available**
WPI Acc No: 2002-328692/200236
Related WPI Acc No: 2001-514704; 2001-541621; 2001-541623; 2001-541624;
2001-541625; 2001-549661; 2001-610852
XRAM Acc No: C02-094911
XRPX Acc No: N02-257945

**Aid for assisting removal/application of external articles e.g. diaper,
comprises functional element selected from group consisting of magnet ,
air jet and thermal cell**

Patent Assignee: KLINE M J (KLIN-I); ROE D C (ROED-I); SULLIVAN A M
(SULL-I)

Inventor: **KLINE M J ; ROE D C ; SULLIVAN A M**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020022820	A1	20020221	US 2000504485	A	20000215	200236 B
			US 2000504765	A	20000215	
			US 2001778687	A	20010207	

Priority Applications (No Type Date): US 2001778687 A 20010207; US
2000504485 A 20000215; US 2000504765 A 20000215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020022820	A1	14	A61F-013/15		CIP of application US 2000504485 CIP of application US 2000504765

... application of external articles e.g. diaper, comprises functional
element selected from group consisting of magnet , air jet and
thermal cell

Inventor: **KLINE M J ...**

... **ROE D C ...**

... **SULLIVAN A M**

Abstract (Basic):

... The aid consists of functional element (21) selected from a
group consisting of **magnet , an air jet and a thermal cell ,**
which moves a portion of the diaper from one point to another point
during application...

...Title Terms: **MAGNET ;**

International Patent Class (Main): **A61F-013/15**

International Patent Class (Additional): **A61F-013/20**

17/3,K/2 (Item 2 from file: 351)
DIALOG(R) File 351:Derwent WPI
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014126642
WPI Acc No: 2001-610852/200170
Related WPI Acc No: 2001-514704; 2001-541621; 2001-541623; 2001-541624;
2001-541625; 2001-549661; 2002-328692
XRAM Acc No: C01-182393
XRPX Acc No: N01-455983

**An absorbent article having a thermal cell actuator for adding or
removing heat so that a useful function is performed upon it or the
environment between this and a wearer**

Patent Assignee: BECKMAN T E (BECK-I); EHRSNERGER B J (EHRN-I); FISHER C L
(FISH-I); KLINE M J (KLIN-I); ROE D C (ROED-I); SCHMIDT M (SCHM-I);
SPRENGARD-EICHEL C (SPRE-I); TEPPER B E (TEPP-I)

Inventor: BECKMAN T E; EHRNSPERGER B J; FISHER C L; KLINE M J ; ROE D C ;
" SCHMIDT M; SPRENGARD-EICHEL C; TEPPER B E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010023340	A1	20010920	US 2000504485	A	20000215	200170 B
			US 2000504765	A	20000215	
			US 2001778371	A	20010207	

Priority Applications (No Type Date): US 2001778371 A 20010207; US
2000504485 A 20000215; US 2000504765 A 20000215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20010023340	A1	14	A61F-013/15	CIP of application US 2000504485 CIP of application US 2000504765

An absorbent article having a thermal cell actuator for adding or removing heat so that a useful function is performed upon it...

...Inventor: KLINE M J ...

... ROE D C

Abstract (Basic):

... A **thermal cell** actuator which performs a useful function on an absorbent article, such as changing the properties...
... pervious topsheet joined to this, (c) an absorbent core intermediate to these, and (d) a **thermal cell** actuator that can add or remove heat from at least part of the product to...

...the article causes (d) to add or remove the heat. Also, a similar article whose **thermal cell** actuator is electrically powered...

Technology Focus:

... Preferred composition: the **thermal cell** actuator includes a material that performs an exothermic or endothermic reaction, e.g. disodium hydrogenphosphate...

International Patent Class (Main): A61F-013/15

International Patent Class (Additional): A61F-013/20

17/3,K/13 (Item 13 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01015696 **Image available**

AN ABSORBENT ARTICLE FASTENING DEVICE

DISPOSITIF D'ATTACHE POUR ARTICLE ABSORBANT

Patent Applicant/Assignee:

THE PROCTER & GAMBLE COMPANY, One Procter & Gamble Plaza, Cincinnati, OH 45202, US, US (Residence), US (Nationality)

Inventor(s):

MAGEE Luke Robinson, 2847 Minto Avenue, Apt. B, Cincinnati, OH 45208, US,

HARGETT Mark Mason, 8849 Harperspoint Drive, Cincinnati, OH 45249, US,

KLINE Mark James , 6318 Alert New London Road, Okeana, OH 45053, US

Legal Representative:

REED T David (et al) (agent), The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200345292 A2 20030605 (WO 0345292)

Application: WO 2002US36597 20021114 (PCT/WO US0236597)

Priority Application: US 2001994191 20011126

Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK

(utility model) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8483

Inventor(s):

... **KLINE Mark James**

Main International Patent Class: **A61F-013/00**

Fulltext Availability:

Detailed Description

Detailed Description

... known in the art including adhesives, coliesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof. The first tab fastening element 54 may ...known in the art including adhesives, coliesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof. ...zone 45 may include plastics, adhesives, cohesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof as are know to those skilled in the art. The stored landing...81 may be created by adhesives, cohesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof as are know to those skilled in the art. The tab to...82 may be created by adhesives, cohesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof. The releasable storage fastening bond 82 may also be a mechanical bond...in the art including, plastics, adhesives, coliesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof as are known to those skilled in the art. The attachment landing...83 may be created by adhesives, cohesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof. The first releasable fastening bond 83 may also be a

13

mechanical...84 may be created from adhesives, cohesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof. The second releasable fastening bond 84 may have any shape such as...attachment landing zone 91 with, adhesives, cohesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof as are know to those skilled in the art. The first tab...with ultrasonics, bonds, heat bonding, adhesives, cohesives, hook materials, loop materials, snaps, buttons, tabs, slots, **magnets** and combinations thereof as are know to those skilled in the art. Embodiments are contemplated...

17/3,K/20 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00827136 **Image available**

DISPOSABLE ABSORBENT ARTICLE WITH DEACTIVATABLE ADHESIVE

ARTICLE ABSORBANT JETABLE POURVU D'ADHESIF POUVANT ETRE DECOLLE

Patent Applicant/Assignee:

THE PROCTER & GAMBLE COMPANY, One Procter & Gamble Plaza, Cincinnati, OH 45202, US, US (Residence), US (Nationality)

Inventor(s):

ROE Donald Carroll , 6324 Emberwood Court, West Chester, OH 45069, US,
SCHMIDT Mattias, Charlotte-Rosenthal - Str. 21, 65510 Idstein, DE,
ALLEN Patrick Jay, 8667 Arcturus Drive, Cincinnati, OH 45249, US,
KLINE Mark James , 5265 Ponderosa Drive, Cincinnati, OH 45239, US,
KING Namy Mariottoni, 5585 Larchmont Drive, Wyoming, OH 45215, US

Legal Representative:

REED T David (et al) (agent), The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200160303 A1 20010823 (WO 0160303)

Application: WO 2001US4617 20010214 (PCT/WO US0104617)

Priority Application: US 2000504765 20000215

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14767

Inventor(s):

ROE Donald Carroll ...

... KLINE Mark James

Main International Patent Class: A61F-013/82

Fulltext Availability:

Detailed Description

Detailed Description

... by any means known in the art. Typical joining means include adhesives, heat, pressure, static, **magnetism**, snaps, hook and loop fasteners and the like.

The advantages of a diaper including an...

17/3,K/21 (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00827135 **Image available**

ABSORBENT ARTICLE WITH THERMALLY ACTIVATABLE ADHESIVES

ARTICLE ABSORBANT AVEC ADHESIFS ACTIVABLES PAR VOIE THERMIQUE

Patent Applicant/Assignee:

THE PROCTER & GAMBLE COMPANY, One Procter & Gamble Plaza, Cincinnati, OH 45202, US, US (Residence), US (Nationality)

Inventor(s):

ALLEN Patrick Jay, 8667 Arcturus Drive, Cincinnati, OH 45249, US,

ROE Donald Carroll, 6324 Emberwood Court, West Chester, OH 45069, US,

KLINE Mark James, 5265 Ponderosa Drive, Cincinnati, OH 45239, US,

KING Namy-Mariottoni, 5585 Larchmont Drive, Wyoming, OH 45215, US

Legal Representative:

REED T David (et al) (agent), The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200160302 A1 20010823 (WO 0160302)

Application: WO 2001US4615 20010214 (PCT/WO US0104615)

Priority Application: US 2000504485 20000215

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 14928

Inventor(s):

... ROE Donald Carroll ...

... KLINE Mark James

Main International Patent Class: A61F-013/82

Fulltext Availability:

Detailed Description

Detailed Description

... by any means known in the art. Typical joining means include adhesives, heat, pressure, static, **magnetism**, snaps, hook and loop fasteners and the like.

The advantages of a diaper including an...

17/3,K/28 (Item 28 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00536775 **Image available**

DISPOSABLE TREATMENT ARTICLE HAVING A RESPONSIVE SYSTEM

ARTICLE JETABLE POURVU D'UN SYSTEME SENSIBLE

Patent Applicant/Assignee:

THE PROCTER & GAMBLE COMPANY,

Inventor(s):

ROE Donald Carroll ,

ALLEN Patrick Allen,

EHRNSPERGER Bruno Johannes,

SCHMIDT Mattias

Patent and Priority Information (Country, Number, Date):

Patent: WO 200000148 A1 20000106 (WO 0000148)

Application: WO 99US14636 19990629 (PCT/WO US9914636)

Priority Application: US 98107561 19980629; US 98106225 19980629; US 9890993 19980629

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE

DE DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI

SK SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW

AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC

NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 20099

Inventor(s):

ROE Donald Carroll ...

Main International Patent Class: A61F-013/42

Fulltext Availability:

Detailed Description

Detailed Description

... pressure, flow rates, motion, moisture, enzymes, bacteria, pH, conductivity, resistance, capacitance, inductance, , electrical and/or **electromagnetic** fields, light, presence of a material or substance or change in the condition of a...responsive functions: deliver a material to treat an object; deliver electrical (defined herein to include **electromagnetic** energy) to treat an object; deliver mechanical energy to

treat an object. Delivering energy in...

...or causing a chemical reaction with the material.

Exemplary treatment functions for delivering electrical or **electromagnetic** energy include plasma surface treatment, magnetization and demagnetization, creating static charge and eliminating a static...

17/3,K/35 (Item 35 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00479860 **Image available**

SANITARY NAPKIN WITH IMPROVED FASTENING DEVICE
DISPOSITIF DE FIXATION AMELIORE POUR SERVIETTES PERIODIQUES

Patent Applicant/Assignee:

THE PROCTER & GAMBLE COMPANY,
Inventor(s):

KLINE Mark James ,
BECKMAN Tracey Elaine,
HENRICH Thomas, .
GOULAIT David Joseph Kenneth,
ROBLES Miguel Alvaro,
FISHER Constance Lee

Patent and Priority Information (Country, Number, Date):

Patent: WO 9911212 A1 19990311
Application: WO 98US18064 19980901 (PCT/WO US9818064)
Priority Application: US 9757614 19970904

Designated States: AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE
DK DK EE EE ES FI FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL
TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ
MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ
CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 13866

Inventor(s):

KLINE Mark James ...

Main International Patent Class: A61F-013/56

International Patent Class: A61F-013/62

Fulltext Availability:

Detailed Description

Detailed Description

... secondary fastening member 78 can be any fastening means such as hooks, loops, adhesive, cohesive, **magnetic** materials, static electricity, snaps and the like ...include, for example, an adhesive, a cohesive, a mechanical fastener, a button, a snap, a **magnet** or any other fasteners known in the art, or another tab and slot fastener. Alternatively...

17/3,K/38 (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00314544

DISPOSABLE ABSORBENT ARTICLE HAVING A PUMP AND AN INFLATABLE COMPONENT
ARTICLE ABSORBANT JETABLE COMPORTANT UNE POMPE ET UN COMPOSANT GONFLABLE

Patent Applicant/Assignee:

THE PROCTER & GAMBLE COMPANY,
Inventor(s):

AHR Nicholas Albert,

ROE Donald Carroll

Patent and Priority Information (Country, Number, Date):

Patent: WO 9532697 A1 19951207

Application: WO 95US4960 19950503 (PCT/WO US9504960)

Priority Application: US 94250892 19940531

Designated States: AM AU BB BG BR BY CA CN CZ EE FI GE HU JP KG KP KR KZ LK

LR LT LV MD MG MN MX NO NZ PL RO RU SG SI SK TJ TT UA UZ VN KE MW SD SZ

UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA

GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6922

Inventor(s):

... **ROE Donald Carroll**

Main International Patent Class: **A61F-013/15**

Fulltext Availability:

Detailed Description

Detailed Description

... placed over the portion of the topsheet 42 overlying the inlet port 340 to restrict **air flow** from the pump chamber 305 through the inlet port 340. A force applied by the...

?show files;ds
 File 347:JAPIO Oct 1976-2003/Mar(Updated 030703)
 (c) 2003 JPO & JAPIO
 File 351:Derwent WPI 1963-2003/UD,UM &UP=200345
 (c) 2003 Thomson Derwent
 File 371:French Patents 1961-2002/BOPI 200209
 (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	4829799	REMOV??? OR TAK???()OFF OR DIVEST? OR STRIP? ? OR STRIPP??? OR PUT???()ON OR ASSUM??? OR CHANG??? OR SWITCH??? OR TAILOR- ??? OR DETACH??? OR FIT? ? OR FITT??? OR DRESS??? OR UNDRESS?- ?? OR REPLACE? ?
S2	303736	CLOTH??? OR OUTERWEAR OR OUTER()WEAR OR DIAPER? ? OR BANDA- GE? ? OR JEWELRY OR JEWELLERY OR HAT OR HATS OR COLOSTOMY()BA- G? ? OR APPAREL OR GARMENT? ? OR ACCESSOR??? OR ATTIRE
S3	1105102	MAGNET??? OR ELECTROMAGNET? OR ELECTRICAL()CHARGE? ? OR AI- R() (JET? ? OR CURRENT? ? OR FLOW OR BLAST OR SPRAY) OR THERMA- L()CELL? ?
S4	16609	S1(5N)S2
S5	138	S3(10N)S4
S6	33271	IC=(A61F-013? OR A47G-025?)
S7	1	S5 AND S6
S8	12433	S1(3N)S2
S9	54	S3(5N)S8
S10	85893	CAREGIVER? ? OR CARE()GIVER? ? OR NURSE? ? OR ASSISTANT? ? OR PARENT? ? OR ATTENDANT? ? OR HELPER? ?
S11	1	S9 AND S10
S12	3	S5 AND S10
S13	3	S7 OR S12
S14	303766	S2 OR EXTERNAL()ARTICLE? ?
S15	12433	S1(3N)S14
S16	33	S3(3N)S15
S17	108064	S10 OR MOTHER? ? OR FATHER? ?
S18	1	S16 AND S17
S19	2	S9 AND S17
S20	33	IDPAT S16 (sorted in duplicate/non-duplicate order)
S21	33	IDPAT S16 (primary/non-duplicate records only)

21/AY,AZ,TI/1 (Item 1 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

015276644

Electromagnetic /electric wave shielding dress has clothes which shield thymus, bone marrow, ovary, uterus and testis of human body from electromagnetic and electric waves

Local Applications (No Type Date): JP 2001331648 A 20010925

Priority Applications (No Type Date): JP 2001331648 A 20010925

21/AY,AZ,TI/2 (Item 2 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

014817675

Magnetic attraction device for iron powder generated during electric discharge processing, has cylindrical magnet inserted into pipe, so that iron powder is attracted on pipe surface

Local Applications (No Type Date): JP 2000341608 A 20001109

Priority Applications (No Type Date): JP 2000341608 A 20001109

21/AY,AZ,TI/3 (Item 3 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

014495376

Bandage with magnetic strip has inserted magnet or copper disk

Local Applications (No Type Date): CA 2310970 A 20000619

Priority Applications (No Type Date): CA 2310970 A 20000619

21/AY,AZ,TI/4 (Item 4 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

014314376

Holder for metal accessory e.g. bolt, nut, screw, washer, flat spring, has magnet provided on strip -shaped velvet cloth type fastener to adsorb metal accessories

Local Applications (No Type Date): JP 2000133240 A 20000502

Priority Applications (No Type Date): JP 2000133240 A 20000502

21/AY,AZ,TI/5 (Item 5 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

013726426

A decoration for a garment on which a pouch that is of sufficient size to hold a pair of glasses is attached to the back of the decoration

Local Applications (No Type Date): US 98151143 A 19980910

Priority Applications (No Type Date): US 98151143 A 19980910

21/AY,AZ,TI/6 (Item 6 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

013664607

Napkin, tea towel, or cloth, comprising magnetic or adhesive areas for being attached to garment, tiles respectively

Local Applications (No Type Date): DE 2000U2013553 U 20000807

Priority Applications (No Type Date): DE 2000U2013553 U 20000807

21/AY,AZ,TI/7 (Item 7 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

013624589

Static charge removal apparatus in door of motor vehicle, has conducting wire to connect aluminum foil affixed with plate-shaped magnets to strip -shaped cloth provided in handle

Local Applications (No Type Date): JP 99180513 A 19990524

Priority Applications (No Type Date): JP 99180513 A 19990524

21/AY,AZ,TI/8 (Item 8 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

013562088

Accessory fastener removal apparatus for concrete formwork used in centrifugal molding machine, has magnet for holding the removed or loosened accessory fastener

Local Applications (No Type Date): JP 99120151 A 19990427

Priority Applications (No Type Date): JP 99120151 A 19990427

21/AY,AZ,TI/9 (Item 9 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

012767488

Card processor cleaning card for removing fine dust particles and dirt from sensors

Local Applications (No Type Date): EP 98310786 A 19981230; JP 9868934 A 19980318; US 98222691 A 19981229; EP 98310786 A 19981230; DE 612583 A 19981230; EP 98310786 A 19981230

Priority Applications (No Type Date): JP 9868934 A 19980318

21/AY,AZ,TI/10 (Item 10 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

012199578

Sports wear for practising golf, baseball, tennis - has magnetic units provided inside body to keep sleeves pulled towards body

Local Applications (No Type Date): JP 9789052 A 19970408

Priority Applications (No Type Date): JP 9789052 A 19970408

21/AY,AZ,TI/11 (Item 11 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

011937654

Wiring structure for accessory e.g. fog lamp of motor vehicle - uses magnetic induction switch to operate vehicle accessory e.g. fog lamp when electromagnet applies magnetic force to magnetic induction switch spring during switching ON of operating switch

Local Applications (No Type Date): JP 96285282 A 19961028

Priority Applications (No Type Date): JP 96285282 A 19961028

21/AY,AZ,TI/12 (Item 12 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

011595160

Ladies bag e.g. handbag, shoulder bag for keeping small articles, purse - provides magnet in clamp that will hold accessory of various designs, so that accessory can be replaced to suit certain occasion

Local Applications (No Type Date): JP 96113195 A 19960409

Priority Applications (No Type Date): JP 96113195 A 19960409

21/AY,AZ,TI/13 (Item 13 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

011390194

Polishing waste removal tool for polishing cloth used for magnetic disk - has number of protrusions provided with ridge lines on which polishing cloth is made to slid and removes waste over polishing surface of polishing cloth

Local Applications (No Type Date): JP 95321565 A 19951211

Priority Applications (No Type Date): JP 95321565 A 19951211

21/AY,AZ,TI/14 (Item 14 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

010870357

Magnetic clip pad for calligraphy - has integrally projected switch part to surface on porous rubber sheet

Local Applications (No Type Date): JP 94338236 A 19941226

Priority Applications (No Type Date): JP 94338236 A 19941226

21/AY,AZ,TI/15 (Item 15 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

010396918

Cloth presser for pocket folding machine - has recessed part in underside surface corresp. to edge of pocket cloth and auxiliary pressers which are attached to presser by magnetic force

Local Applications (No Type Date): JP 94913 A 19940110

Priority Applications (No Type Date): JP 94913 A 19940110

21/AY,AZ,TI/16 (Item 16 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

009742731

Drapery unrolling device making fitting and taking out of cloth catcher easier - has cloth catcher fitted to cloth unrolling stand by magnets which can be cut off to release cloth catcher

Local Applications (No Type Date): JP 92138736 A 19920529

Priority Applications (No Type Date): JP 92138736 A 19920529

21/AY,AZ,TI/17 (Item 17 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

009067710

Gradient field coils prodn. for NMR medical diagnostic imaging equipment - by bonding glass cloth to saddle coils, fitting them into cylindrical magnetic core, winding solenoid coil around core and moulding NoAbstract

Local Applications (No Type Date): JP 90175755 A 19900703

Priority Applications (No Type Date): JP 90175755 A 19900703

21/AY,AZ,TI/18 (Item 18 from file: 351)

DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

009035428

Seam detector for long cloth - has detection coils at passage of long cloth with magnets at the seams and signal processing circuit and two detection coils

Local Applications (No Type Date): JP 90209711 A 19900807

Priority Applications (No Type Date): JP 90209711 A 19900807

21/AY,AZ,TI/19 (Item 19 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

009022153

Travelling and disposable underwear - consisting of soft undergarment secured by elastic bands, magnetic fasteners secured to side seam and waist seam

Local Applications (No Type Date): US 90595991 A 19901011
Priority Applications (No Type Date): US 90595991 A 19901011

21/AY,AZ,TI/20 (Item 20 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

008487953

Bandage - has foam-like enclosure frame covered by crossed-tine like grid

Local Applications (No Type Date): US 88275769 A 19881123
Priority Applications (No Type Date): US 88275769 A 19881123

21/AY,AZ,TI/21 (Item 21 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

008196393

Recovering solids from sludge by filtration - with filter cake dried by passage of air stream in alternating direction through filter cloths whereby cake is sepd. from cloths

Local Applications (No Type Date): WO 89FI132 A 19890707; EP 89907765 A 19890707; JP 89507620 A 19890707; US 91652708 A 19910201; WO 89FI132 A 19890707; NO 91414 A 19910204; WO 89FI132 A 19890707; SU 4894828 A 19910201
Priority Applications (No Type Date): FI 883630 A 19880803

21/AY,AZ,TI/22 (Item 22 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

007991678

Antitheft protector for additional appts. inbuilt in motor vehicle - has magnetic fitting and reed relay switch

Local Applications (No Type Date): DE 3805532 A 19880220
Priority Applications (No Type Date): DE 3805352 A 19880220; DE 3805532 A 19880220

21/AY,AZ,TI/23 (Item 23 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

007343503

Toy - has magnets operated eyes connected by hinged levers to lips

Local Applications (No Type Date): SU 3902789 A 19850219
Priority Applications (No Type Date): SU 3902789 A 19850219

21/AY,AZ,TI/24 (Item 24 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

007177318

Positioner for cord connecting in rubber tyre mfr. - involves accurate of sharp angle part and obtuse angle part of diagonal cord without misalignment

Local Applications (No Type Date): JP 85246278 A 19851105
Priority Applications (No Type Date): JP 85246278 A 19851105

21/AY,AZ,TI/25 (Item 25 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

004766547

Washing machine for clothes - with magnet to change pressure setting
spring for washing tank pressure switch (J5 1.3.82)

Local Applications (No Type Date): JP 80112578 A 19800814

Priority Applications (No Type Date): JP 80112578 A 19800814

21/AY,AZ,TI/26 (Item 26 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

004532458

Tubular bandage contg. permanent magnets for magneto-therapy - by placing
magnets against skin acupuncture points or pain centres

Local Applications (No Type Date): BE 903247 A 19850917

Priority Applications (No Type Date): BE 903247 A 19850917

21/AY,AZ,TI/27 (Item 27 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

003665723

Tumble cleaning garments - with hot drying followed by cooler filtered
air tumbling to remove particles

Local Applications (No Type Date): GB 8223744 A 19820818

Priority Applications (No Type Date): GB 8125288 A 19810819; GB 8223744 A
19820818

21/AY,AZ,TI/28 (Item 28 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

002062856

Industrial air bag-filter regeneration unit - with connectable moving
hollow half-rings with holes for compressed air flow through filter
cloth to remove dust etc.

Priority Applications (No Type Date): SU 1910625 A 19730409

21/AY,AZ,TI/29 (Item 29 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

001341928

Automobile fender protector cloth - has flexible magnetic strips
fixed to vinyl cloth-backed fabric

Priority Applications (No Type Date): US 74499544 A 19740821

21/AY,AZ,TI/30 (Item 30 from file: 351)
DIALOG(R)File 351:(c) 2003 Thomson Derwent. All rts. reserv.

001091485

Clothes fitted with magnets - is to keep tools handy while doing
any task

Priority Applications (No Type Date): FR 7317835 A 19730515

21/AY,AZ,TI/31 (Item 31 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

06539677

ACCESSORY DRIVING GEAR OF VEHICLE

21/AY,AZ,TI/32 (Item 32 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

05437015
COMPACT VESSEL

21/AY,AZ,TI/33 (Item 33 from file: 347)
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

03028895
MAGNET TYPE HEALTHY WEAR

21/3,K/3 (Item 3 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014495376 **Image available**
WPI Acc No: 2002-316079/200236
XRPX Acc No: N02-247321

Bandage with magnetic strip has inserted magnet or copper disk
Patent Assignee: CLAYTON K E (CLAY-I)

Inventor: CLAYTON K E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2310970	A1	20011219	CA 2310970	A	20000619	200236 B

Priority Applications (No Type Date): CA 2310970 A 20000619

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2310970	A1	E	3	A61N-002/08	

Bandage with magnetic strip has inserted magnet or copper disk

21/3,K/10 (Item 10 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

012199578 **Image available**
WPI Acc No: 1999-005684/199901
XRPX Acc No: N99-004520

Sports wear for practising golf, baseball, tennis - has magnetic units
provided inside body to keep sleeves pulled towards body

Patent Assignee: HAYASHI S (HAYA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10280210	A	19981020	JP 9789052	A	19970408	199901 B

Priority Applications (No Type Date): JP 9789052 A 19970408

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10280210	A		6	A41D-013/00	

...Abstract (Basic): unit as desired. Enables use for other sports which
does not require swing accuracy. Makes cloth washable by detaching
magnetic units...

21/3,K/15 (Item 15 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

010396918
WPI Acc No: 1995-298231/199539
XRAM Acc No: C95-133354

Cloth presser for pocket folding machine - has recessed part in underside
surface corresp. to edge of pocket cloth and auxiliary pressers which are
attached to presser by magnetic force

Patent Assignee: JUKI CORP (TOLB)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7194872	A	19950801	JP 94913	A	19940110	199539 B

Priority Applications (No Type Date): JP 94913 A 19940110

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 7194872 A 4 D05B-035/02

...Abstract (Basic): pocket cloth, and auxiliary pressers of proper sizes respectively composed to be freely attached to/ **detached** from the **cloth** presser by **magnetic** force...

21/3,K/16 (Item 16 from file: 351)

DIALOG(R)File 351:Derwent WPI

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009742731 **Image available**

WPI Acc No: 1994-022582/199403

XRAM Acc No: C94-010198

XRPX Acc No: N94-017832

Drapery unrolling device making fitting and taking out of cloth catcher easier - has cloth catcher fitted to cloth unrolling stand by magnets which can be cut off to release cloth catcher

Patent Assignee: YOTSUMA K (YOTS-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5330731	A	19931214	JP 92138736	A	19920529	199403 B

Priority Applications (No Type Date): JP 92138736 A 19920529

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 5330731 A 8 B65H-045/105

... **has cloth catcher fitted to cloth unrolling stand by magnets which can be cut off to release cloth catcher**

...Abstract (Basic): A bracket is fitted to the cloth catcher and the catcher is **fitted** to the **cloth** unrolling stand by **magnets** and releasable by on and off of the magnetic force. A support arm is provided...

21/3,K/18 (Item 18 from file: 351)

DIALOG(R)File 351:Derwent WPI

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009035428

WPI Acc No: 1992-162786/199220

XRAM Acc No: C92-074991

Seam detector for long cloth - has detection coils at passage of long cloth with magnets at the seams and signal processing circuit and two detection coils

Patent Assignee: IWASAKI T (IWAS-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 4100968	A	19920402	JP 90209711	A	19900807	199220 B

Priority Applications (No Type Date): JP 90209711 A 19900807

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 4100968 A 5

...Abstract (Basic): Detector has detection coils arranged at the passage of a long **cloth** **fitted** with **magnets** at the seams. A signal processing circuit processes the seam when the induction voltage of...

21/3,K/19 (Item.19 from file: 351)
DIALOG(R) File 351:Derwent WPI
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009022153

WPI Acc No: 1992-149527/199218

XRAM Acc No: C92-069233

XRPX Acc No: N92-111716

**Travelling and disposable underwear - consisting of soft undergarment
secured by elastic bands, magnetic fasteners secured to side seam and
waist seam**

Patent Assignee: MEISELS C (MEIS-I).

Inventor: MEISELS C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5103501	A	19920414	US 90595991	A	19901011	199218 B

Priority Applications (No Type Date): US 90595991 A 19901011

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5103501	A		4		

...Abstract (Basic): from an absorbent material e.g. paper, cloth etc. and
having elastic bands for adjustably **fitting** and holding each **garment**
in position and **magnetic** fastening means closing side seam openings
for easy donning and doffing without tearing the fabric..

?show files;ds
File 5:BIOSIS Previews(R) 1969-2003/Jul W2
(c) 2003 BIOSIS
File 35:Dissertation Abs Online 1861-2003/Jun
(c) 2003 ProQuest Info&Learning
File 65:Inside Conferences 1993-2003/Jul W2
(c) 2003 BLDSC all rts. reserv.
File 72:EMBASE 1993-2003/Jul W2
(c) 2003 Elsevier Science B.V.
File 154:MEDLINE(R) 1990-2003/Jul W2
(c) format only 2003 The Dialog Corp.
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(c) 2003 NTIS, Intl Cpyrght All Rights Res
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Jul W2
(c) 2003 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 8:EI Compendex(R) 1970-2003/Jul W1
(c) 2003 Elsevier Eng. Info. Inc.
File 94:JICST-EPlus 1985-2003/Jul W1
(c) 2003 Japan Science and Tech Corp(JST)
File 144:Pascal 1973-2003/Jul W1
(c) 2003 INIST/CNRS
File 323:RAPRA Rubber & Plastics 1972-2003/Jul
(c) 2003 RAPRA Technology Ltd
File 119:Textile Technol.Dig. 1978-2003/Jun
(c) 2003 Inst.of Textile Technology
File 67:World Textiles 1968-2003/Jul
(c) 2003 Elsevier Science Ltd.
File 91:MANTIS(TM) 1880-2002/Oct
2002 (c) Action Potential
File 162:Global Health 1983-2003/Jun
(c) 2003 CAB International
File 163:Ageline(R) 1965-2003/Jun
(c) format only 2003 The Dialog Corp.
File 164:Allied & Complementary Medicine 1984-2003/Jul
(c) 2003 BLHCIS
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Jul 10
(c) 2003 The Gale Group
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Jun
(c) 2003 The HW Wilson Co.
File 248:PIRA 1975-2003/Jul W2
(c) 2003 Pira International

Set	Items	Description
S1	9881255	REMOV??? OR TAK???()OFF OR DIVEST? OR STRIP? ? OR STRIPP??? OR PUT???()ON OR ASSUM??? OR CHANG??? OR SWITCH??? OR TAILOR- ??? OR DETACH??? OR FIT? ? OR FITT??? OR DRESS??? OR UNDRESS?- ?? OR REPLACE? ? OR DON OR DONS OR DONN??? OR DOFF???
S2	369167	CLOTH??? OR OUTERWEAR OR OUTER()WEAR OR DIAPER? ? OR BANDA- GE? ? OR JEWELRY OR JEWELLERY OR HAT OR HATS OR COLOSTOMY()BA- G? ? OR APPAREL OR GARMENT? ? OR ACCESSOR??? OR ATTIRE OR EXT- ERNAL()ARTICLE? ?
S3	2698127	MAGNET??? OR ELECTROMAGNET? OR ELECTRICAL()CHARGE? ? OR AI- R() (JET? ? OR CURRENT? ? OR FLOW OR BLAST OR SPRAY) OR THERMA- L()CELL? ?
S4	16006	S1(5N)S2
S5	48	S3(10N)S4
S6	2839123	CAREGIVER? ? OR CARE()GIVER? ? OR NURSE? ? OR ASSISTANT? ? OR PARENT? ? OR ATTENDANT? ? OR HELPER? ? OR MOTHER? ? OR FAT- HER? ? OR CLEANROOM? ? OR CLEAN()ROOM? ? OR LAB OR LABORATOR?- ??
S7	1	S5 AND S6
S8	4895788	S6 OR RADIATION OR CONTAMINAT???
S9	11	S5 AND S8

S10	12952	S1(3N)S2
S11	21	S3(5N)S10
S12	2	S8 AND S11
S13	18	S11 NOT PY>2000
S14	17	S13 NOT PD=20000216:20030831
S15	13	RD (unique items)

15/AA,AN,II/1 (Item 1 from file: 35)
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

838477

PETROGRAPHY, MINERAL CHEMISTRY, AND GEOCHEMISTRY OF THE HARDWICK TONALITE
AND ASSOCIATED IGNEOUS ROCKS, CENTRAL MASSACHUSETTS

15/AA,AN,II/2 (Item 1 from file: 72)
DIALOG(R)File 72:(c) 2003 Elsevier Science B.V. All rts. reserv.

EMBASE No: 2000157569

Development of a non-invasive treatment system for urinary incontinence
without removal of clothes using a functional continuous magnetic
stimulator (FCMS)

15/AA,AN,II/3 (Item 2 from file: 72)
DIALOG(R)File 72:(c) 2003 Elsevier Science B.V. All rts. reserv.

EMBASE No: 1998405300

Flight coverall microclimate evaluation using a Japanese type sweating
mannequin

15/AA,AN,II/4 (Item 1 from file: 8)
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

01724144

E.I. Monthly No: EI8501005481

Title: BLINDING OF SCREENS BY SUB-SIEVE SIZED PARTICLES.

15/AA,AN,II/5 (Item 1 from file: 119)
DIALOG(R)File 119:(c) 2003 Inst.of Textile Technology. All rts. reserv.

14486/80

FIBER SEPARATION AND CLEANING ON THE COTTON CARD.

15/AA,AN,II/6 (Item 2 from file: 119)
DIALOG(R)File 119:(c) 2003 Inst.of Textile Technology. All rts. reserv.

10802/79

WILL AIR - JET TEXTURED YARNS REPLACE SPUN YARNS IN APPAREL ?

15/AA,AN,II/7 (Item 1 from file: 67)
DIALOG(R)File 67:(c) 2003 Elsevier Science Ltd. All rts. reserv.

WORLD TEXTILE NO: 1975859

Waterproof/breathable garment construction

15/AA,AN,II/8 (Item 2 from file: 67)
DIALOG(R)File 67:(c) 2003 Elsevier Science Ltd. All rts. reserv.

WORLD TEXTILE NO: 1955185

Effect of magnetic pulse treatment on structural changes in metal card
clothing

15/AA,AN,II/9 (Item 3 from file: 67)
DIALOG(R)File 67:(c) 2003 Elsevier Science Ltd. All rts. reserv.

WORLD TEXTILE NO: 1938380
Fibre opening device

15/AA,AN,TI/10 (Item 4 from file: 67)
DIALOG(R)File 67:(c) 2003 Elsevier Science Ltd. All rts. reserv.

WORLD TEXTILE NO: 8104374
Studies on the regional thermal resistance of clothing system. VI. Thermal resistance of clothed manikin accompanied by the water vapour evaporation. VII. Thermal resistance of clothed manikin in the mild breeze

15/AA,AN,TI/11 (Item 5 from file: 67)
DIALOG(R)File 67:(c) 2003 Elsevier Science Ltd. All rts. reserv.

WORLD TEXTILE NO: 8005975
Studies on the regional thermal resistance of clothing system. IV. Problems on the moving behaviour of the warm air flow in the clothing system

15/AA,AN,TI/12 (Item 6 from file: 67)
DIALOG(R)File 67:(c) 2003 Elsevier Science Ltd. All rts. reserv.

WORLD TEXTILE NO: 7801533
Interaction between the main cylinder and the doffer roller

15/AA,AN,TI/13 (Item 7 from file: 67)
DIALOG(R)File 67:(c) 2003 Elsevier Science Ltd. All rts. reserv.

WORLD TEXTILE NO: 7206578
Process and system for dewrinkling garments

15/3,K/3 (Item 2 from file: 72)
DIALOG(R)File 72:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

07518066 EMBASE No: 1998405300

Flight coverall microclimate evaluation using a Japanese type sweating mannequin

Kurihara K.; Miyamoto Y.
K. Kurihara, Air Material Command JASDF, 1-5-70, Jujodai, Kita-ku, Tokyo
114 Japan
Aviation Space and Environmental Medicine (AVIAT. SPACE ENVIRON. MED.)
(United States) 1998, 69/12 (1174-1177)
CODEN: ASEMC ISSN: 0095-6562
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 16

...chamber (21.2 +/- 0.5degreeC, 50.0 +/- 3.0% relative humidity (RH),
0.1 m. **air flow** - ssup -sup 1), **dressed** in test **clothing**, and
measured the inside temperature (IT) and inside relative humidity (IRH) of
the clothing for...

15/3,K/7 (Item 1 from file: 67)
DIALOG(R)File 67:World Textiles
(c) 2003 Elsevier Science Ltd. All rts. reserv.

00231998 WORLD TEXTILE NO: 1975859 SUBFILE: EMDOCS

Waterproof/breathable garment construction

AUTHOR(S): Spink A.D.
Abstracts of UK Patent Applications, -/11:6, 1999
PUBLICATION DATE: March 17, 1999
COUNTRY OF PUBLICATION: United Kingdom
DOCUMENT TYPE: Journal; Patent
RECORD TYPE: ABSTRACT
PATENT NO: GB 2 329 103 A
PATENT PUBLICATION DATE: 9719205, 10 September 1999
LANGUAGES: ENGLISH

...ordinary clothes of the wearer of the garment, which is suitably a
jacket, to permit **air flow** within the **garment** to **remove** water
vapour through vents in the garment. The garment allows the user to perform
strenuous...

15/3,K/9 (Item 3 from file: 67)
DIALOG(R)File 67:World Textiles
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00196200 WORLD TEXTILE NO: 1938380 SUBFILE: UMIST Library

Fibre opening device

AUTHOR(S): Carclo Engineering Group PLC; Schmolke K.-H.; Lydall K.
1994, 1994
DOCUMENT TYPE: Patents; Patent
RECORD TYPE: ABSTRACT
PATENT NO: EP 0 595 913
PRIORITY APPLICATION: 11 May 1994 Priority applications: Germany (FRG),
4124714, 25 July 1991; Britain, 9204158, 27 February 1992
LANGUAGES: ENGLISH

DESCRIPTORS: SPINNING; OPEN-END; ROLLERS; OPENING; CARD **CLOTHING** ; WIRE;
TRASH **REMOVAL** ; **AIR FLOW**

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?show files;ds
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jul 17
(c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jul 17
(c) 2003 The Gale Group
File 16:Gale Group PROMT(R) 1990-2003/Jul 17
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File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 95:TEME-Technology & Management 1989-2003/Jun W5
(c) 2003 FIZ TECHNIK
File 148:Gale Group Trade & Industry DB 1976-2003/Jul 18
(c)2003 The Gale Group
File 441:ESPICOM Pharm&Med DEVICE NEWS 2003/Jul W2
(c) 2003 ESPICOM Bus.Intell.
File 444:New England Journal of Med. 1985-2003/Jul W3
(c) 2003 Mass. Med. Soc.
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(c) 2003 The HW Wilson Co.
File 141:Readers Guide 1983-2003/Jun
(c) 2003 The HW Wilson Co
File 482:Newsweek 2000-2003/Jul 10
(c) 2003 Newsweek, Inc.
File 47:Gale Group Magazine DB(TM) 1959-2003/Jul 10
(c) 2003 The Gale group
File 483:Newspaper Abs Daily 1986-2003/Jul 17
(c) 2003 ProQuest Info&Learning
File 484:Periodical Abs Plustext 1986-2003/Jul W2
(c) 2003 ProQuest
File 369:New Scientist 1994-2003/Jul W2
(c) 2003 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
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Set	Items	Description
S1	12771765	REMOV??? OR TAK???()OFF OR DIVEST? OR STRIP? ? OR STRIPP??? OR PUT???()ON OR ASSUM??? OR CHANG??? OR SWITCH??? OR TAILOR- ??? OR DETACH??? OR FIT? ? OR FITT??? OR DRESS??? OR UNDRESS?- ?? OR REPLACE? ? OR DON OR DONS OR DONN??? OR DOFF???
S2	1820807	CLOTH??? OR OUTERWEAR OR OUTER()WEAR OR DIAPER? ? OR BANDA- GE? ? OR JEWELRY OR JEWELLERY OR HAT OR HATS OR COLOSTOMY()BA- G? ? OR APPAREL OR GARMENT? ? OR ACCESSOR??? OR ATTIRE OR EXT- ERNAL()ARTICLE? ?
S3	475546	MAGNET??? OR ELECTROMAGNET? OR ELECTRICAL()CHARGE? ? OR AI- R()(JET? ? OR CURRENT? ? OR FLOW OR BLAST OR SPRAY) OR THERMA- L()CELL? ?
S4	117304	S1(5N)S2
S5	138	S3(10N)S4
S6	94632	S1(3N)S2
S7	34	S3(5N)S6
S8	4603421	CAREGIVER? ? OR CARE()GIVER? ? OR NURSE? ? OR ASSISTANT? ? OR PARENT? ? OR ATTENDANT? ? OR HELPER? ? OR MOTHER? ? OR FAT- HER? ? OR CLEANROOM? ? OR CLEAN()ROOM? ? OR LAB OR LABORATOR?- ?? OR RADIATION OR CONTAMINAT???
S9	45	S5 AND S8
S10	4	S5(S)S8
S11	13	S7 AND S8
S12	9	S11 NOT PY>2000
S13	9	S12 NOT PD=20000216:20030831
S14	8	RD (unique items)

14/3,K/1 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01341353 Supplier Number: 46103888 (USE FORMAT 7 FOR FULLTEXT)
REVOLUTIONARY SPINDRIVE ACCESSORIES CONVERT ORDINARY MAGNETIC STIRRERS INTO SHAKERS, BOTTLE ROLLERS AND TUBE ROTATORS!

News Release, pN/A

Jan 30, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 243

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...BeI-Art Products make your magnetic stirrer the most valuable piece of equipment in your **laboratory**. These one-of-a-kind devices allow your existing magnetic stirrer to produce a variety...

...the cost of purchasing dedicated equipment. You get the applications you need without breaking your **laboratory**'s budget. Spindrive Stirring **Accessories** fit directly onto existing **magnetic** stirrers and use the stirrer's own controls to affect shaking, rotation or rolling speed. Four Spindrive models are available to meet most **laboratory** needs. The Orbital Shaker Platform provides an orbital shaking diameter of approximately 0.9 inches...

...its already popular line of Spinbar Magnetic Stirring Bars. BeI-Art Products, a manufacturer of **laboratory** equipment, is located in Pequannock, New Jersey. For more information on other quality Scienceware products...

PRODUCT NAMES: 3811200 (**Laboratory** & Scientific Instruments)

NAICS CODES: 339111 (**Laboratory** Apparatus and Furniture Manufacturing)

14/3,K/2 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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10794571 SUPPLIER NUMBER: 53700968 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Manufacturers Alphabetic Listings. (Directory)

Air Conditioning, Heating & Refrigeration News, 206, 1, 38(1)

Jan 4, 1999

DOCUMENT TYPE: Directory ISSN: 0002-2276 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 23242 LINE COUNT: 07424

... P.-Adv./Mktg.

Evaporator fan motor kits; ball bearing motors; motor mounts; fan blades; motor **accessories**; ice maker pump motor; duct fans; grommet sets, rainshields, complete ice machine pumps, motorized dampers...265-2246

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Mgr.; H. Kacamburas, Purch.; F. Zupicich, Sales Mgr.

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filtration products, airflow measurement equipment.

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Curtis B. Hale, Pres.; C. Brian Hale, V.P.

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modular, clean benches, air showers, HEPA filter modules,
and passthru assemblies.

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Sales Mgr.; B. Patis, Oper. Mgr.; B. Putney, Plant Mgr.

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convectors, radiant wall heaters, radiant ceiling panels,
cabinet unit heaters.

Hydro-Balance Corp...745-8091 Fax: (614) 279-4642

isicheml@aol.com

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J. Byrne, Dir.- **Lab**.; M. Byrne, Dir.-Mktg.; R. Ogle, Phd
Chem.; M. Abel, Dir.-Research

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kits for next day results, ARI 740 recovery/recycle equipment...

M. L. Glickman, Pres.

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scientific and industrial **laboratories**.

Johns Manville, Product Information Center
P.O. Box 5108, Denver, CO 80217
(800) 654-3103...P.; J. Waters, Pres.; M. Hammers, Mgr.-Mktg.;
B. Topper, Dir.-Engrg.; A. Brannon, Purch.
Laboratory refrigerators and freezers.

Kenall Lighting
1020 Lakeside Dr., Gurnee, IL 60031-2400
(847) 360-8200...

...Eastern Regl. Sales Dir.; T. Sternberg,
Central Regl. Sales Dir.
Lighting fixtures for sealed enclosures: **cleanroom** /containment,
food processing, hosedown, medical, and hazardous
locations; thermostat guards.

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fire dampers and spin-fittings, penthouses, ceiling
radiation dampers.combination fire/smoke dampers,
dynamic dampers, duct access doors.

Leading Edge, A Division of...S. C.
Christensen, Sales Mgr.-Htg.; J. D. Louks, Mktg. Mgr.
Hydronic, cabinet, fin-tube **radiation**, oil/electric,
infra-red and gas heaters, duct furnaces, indoor
and outdoor direct and indirect...V.P.-Engrg.
Custom airhandler manufacturer specializing in meeting
needs of industrial, institutional, pharmaceutical, hospital,
clean room and automotive markets.

Packless Industries
8401 Imperial Dr., P.O. Box 20668, Waco, TX 76702...

14/3,K/3 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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09416367 SUPPLIER NUMBER: 19296855 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Troubleshooting trucks: paving the way to efficiency. (includes related
article on how to select the tires which can be repaired)**
Deierlein, Bob
World Wastes, v39, n12, p40(3)
Dec, 1996
ISSN: 1064-8429 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2366 LINE COUNT: 00196

... which enables the voltage calibrate function.
For outputs, PCSM will control the indication LED, starter **magnetic
switch** and the **accessory** bus **magnetic switch**. Generally speaking,
batteries with high cold cranking amp (CCA) ratings won't provide good
service...a vulcanizing material to prevent injury growth or belt package
separation and to protect against **contamination** and moisture from
entering the casing. The proper repair unit should be applied to seal...

14/3,K/4 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04810799 SUPPLIER NUMBER: 09336917 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Machine-tool accessories. (Metalworking Product Guide) (buyers guide)
Tooling & Production, v56, n5, p299(17)
August, 1990
DOCUMENT TYPE: buyers guide ISSN: 0040-9243 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 5643 LINE COUNT: 00458

... Royal Products, Happaage, NY.
Machine-tool bearings
Fafnir superprecision machine-tool bearings are produced in **clean - room** environments and tested to meet critical industry vibration standards. They use smaller, lighter balls to...Los Angeles, CA.
Machining accessories
Firm will display a variety of grinding, milling, and EDM **accessories** including wheel **dressers**, punch formers, vises, **magnets**, electrode holders, and CNC orbitors.
Gromax Enterprises Corp, Huntington Beach, CA.
Toolsetting gages
Variset toolsetting a polyurethane compound that is impervious to oil, coolant **contamination**, and abrasion from metal shavings. Aramid fiber reinforcement within the belt provides strength and stability...point of origin. This 1000 CFM unit does not require permanent duct work.
Kleentek fluid- **contamination** control system removes suspended contaminants from hydraulic fluids, lubricating oils, transformer oils, and other nonconductive...

14/3,K/5 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03132314 SUPPLIER NUMBER: 04755225 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Yellow pages section. (Research and Development telephone directory; industry type)
Research & Development, v29, p75(320)
March 15, 1987
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 214118 LINE COUNT: 16944

... NATIONAL ELECTROSTATICS CORP, P O Box 310 Graber Rd, Middleton, WI. 53562 608-831-7600
Radiation Dynamics Inc, 316 S Service Rd, Melville, NY. 11747 516-752-1660
Scanditronix Inc, P...

...6994
Accelerometers
ACO Pacific Inc, 2604 Read Ave, Belmont, CA. 94002 415-595-8588
Andersen **Laboratories**, 1280 Blue Hills Ave, Bloomfield, CT. 06002 203-242-0761
Brueel & Kjaer Instruments, 185 Forest...
...PARMER INSTRUMENT CO, 7425 N Oak Park Ave, Chicago, IL. 60648 312-647-7600
DATA **LABORATORIES** INC, 44 Dell Manor Drive, Bristol, CT. 06010 203-582-3898
I D E Processes...
...414-461-9200

ESPEC CORP, Div of...
 ...Trio-Tech International, 2040 N Lincoln St, Burbank, CA. 91504
 818-846-9200
 Environmental Test, **Laboratories**
 ANCO Engineers Inc, 9937 Jefferson Blvd, Culver City, CA. 90230
 213-204-5050
 Crippen **Laboratories** Inc, 4027 New Castle Ave, New Castle, DE.
 19720 302-571-8882
 Owens-Illinois, Analytical Services, One Seagate -2/NTC, Toledo, OH.
 43666 419-247-8513
 PRINCETON TESTING **LAB** INC, P O Box 3108, Princeton, NJ. 08543
 609-452-9050
 Q V S Inc...
 ...THE PERKIN-ELMER CORP, 761 Main Ave, Norwalk, CT. 06859 203-762-1000
 Enzymes
 American **Laboratories** Inc, 4410 South 102nd St, Omaha, NE. 68127
 402-339-2494
 GALLARD-SCHLESINGER CHEM, 584...GLAS-COL APPARATUS CO, 711 Hulman St,
 Terre Haute, IN. 47802 812-232-6975
 Extruders, **Laboratory**
 Davis-Standard, U S Rte 1 -Extrusion Dr, Pawcatuck, CT. 06379
 203-599-1010
 KILLION...
 ...312-733-2626
 HAMILTON INDUSTRIES, 1316 18th St, Two Rivers, WI. 54241 414-793-1121
LAB. SAFETY SUPPLY CO, P O Box 1368, Janesville, WI. 53547
 800-356-0783
 Fabrication Tantalum...
 ...Communications Div, 110 Richards Ave, Norwalk, CT. 06854 203-853-4321
 Failure Analysis
 Balazs Analytical **Lab**, 2284 Old Middlefield Way, Mountain View, CA.
 94043 415-965-0423
 Le Mont Scientific Inc...P O Box 656, West Chester, PA. 19380
 215-436-5400
 Surface Science Labs Inc, **Laboratory** Services Div, 1206 Charleston
 Rd, Mountain View, CA. 94043 415-962-8767
 Fans (See also...
 ...0494
 The Hartwell Corp, 900 S Richfield Rd, Placentia, CA. 92670
 714-993-4200
 HUNTINGTON **LABORATORIES** INC, 1040 L'Avenida, Mountain View, CA.
 94043 415-964-3323
 The Paneloc Corporation, 142...

...DESCRIPTORS: **Laboratories** ;

14/3,K/6 (Item 5 from file: 148)
 DIALOG(R)File 148:Gale Group Trade & Industry DB
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03121045 SUPPLIER NUMBER: 04683038 (USE FORMAT 7 OR 9 FOR FULL TEXT)
1987 marketing directory and buyer's guide. (buyers guide)
 Defense Electronics, v19, p39(78)
 March, 1987
 DOCUMENT TYPE: buyers guide ISSN: 0278-3479 LANGUAGE: ENGLISH
 RECORD TYPE: FULLTEXT
 WORD COUNT: 47722 LINE COUNT: 04140

... Business Center Dr., Ste 100 Irvine, CA 92715 Larry Van Horn
 714-955-2347

Aeroflex Laboratories 35 South Service Rd. Plainview, NY 11803 Mort Lux 516-694-6700 Product Line: Military...324-3866 Product Line: AF and RF connectors, knobs, pilot lamps, power supplies, meter, microphones, **switches**, telephone **accessories**, transformers and video cables.

Arnold Magnetics Corp. 4000 Via Pescador Camarillo, CA 93010 Dan Ketchum 805-484-4221 Product Line: Mil...Westlake Blvd., Suite 100 Westlake Village, CA 91362 Chuck Bellevia 805-373-3870

Avco Research Laboratory Inc. 2385 Revere Beach Pkwy. Everett, MA 02149 Albert F. Byrnes 617-381-4533 Product...3322 Product Line: Interconnector systems, cables, assemblies and components shielded against EMI, EMP, RFI, nuclear **radiation**, compromising emanations (Tempest) and hostile environments. Field Offices/Divisions Federal Labs Systems 8823 N. Industrial...

...20 GHz, microwave integrated subsystems, up and down converters, dielectric stabilized oscillators, receivers.

California Eastern Laboratories Inc. 3260 Jay St. Santa Clara, CA 95054 Alan Price 408-988-3500 Product Line...specialty laminates, conductive adhesives, sealants and coatings; knitted wire-mesh EMI products; cable shielding products; **radiation** test service; optical filters. Field Offices/Divisions 200 W. Higgins Rd. Ste. 211 Schalmberg, IL ...St. Everett, WA 98201 Thomas Barrows 206-258-4548 Product Line: Independent electronic component testing **laboratory** providing component screening services, including electrical testing, environmental processing and burn-in for military/space...Product Line: High resolution, High reliability magnetic tape systems for space, air, land, sea and **laboratory** high density applications.

Datatest, Inc. 6850 Hibbs Lane Levittown, PA 19057 Douglas Hasbrouck, Jr. 215...aircraft shipboard radomes; large mm-wave precision antenna systems; precision-molded aircraft reflectors.

Electro Impulse Laboratory Inc. P.O. Box 870 116 Chestnut St. Red Bank, NJ 07701-0870 Mark Rubin...
...to 40 GHz; scanning and computer control-led receivers, audio to MM-wave frequencies.

Electro-Radiation Inc. 225 Route 46, Totowa, NJ 07512 Mario M. Casabona 201-785-1650 Product Line...enclosures designed and manufactured for the protection of sensitive equipment. MIL-C-4150H qualified.

EPC Laboratories, Inc. 5 Electronics Ave. Danvers, MA 01923 George O'Keefe 617-777-1996 Product Line...Divisions 12135 Jefferson Davis Highway, Room 1300 Arlington, VA 22202 703-685-5583 Western Development **Laboratory** Division 3939 Fabian Way Palo Alto, CA 94303 415-852-5464 Defense Group Ford Road...following functions: switches, attenuators, phase shifters, frequency translators. Also peak and average power meters and **radiation** hazard meters.

General Scanning, Inc. 500 Arsenal St. Watertown, MA 02272 Larry White 617-924...2 Westchester Plaza Elmsford, NY 10523 Walter E. Dietz 914-592-9101 Product Line: Electrical **laboratory** standards, electrical calibration standards, voltage, current, resistance temperature, oceanographic measuring instruments.

H

Hameg, Inc. 88...7881 Hampton Village Pass Annandale, VA 22003 Jerry L. Fortenberry 703-573-8858

Hi-Rel Laboratories, Inc. 911 S. Mountain Ave. Monrovia, Ca 91016 Moyer Wicks 818-357-6083 Product Line: Service **laboratory** for electro/mechanical manufacturers. Failure analysis, destructive physical analysis, screening, component lead solder restoration.

Holaday...

...processing and control, and software for government seaborne, space, airborne- and ground-based applications.

ICS Radiation Technologies Inc. 8416 Florence Ave. Ste. 206 Downey, CA 90240 Bob Dantas 213-923-1837 Product Line: Testing, engineering and consulting on **radiation** effects in semiconductor devices for aerospace, military and nuclear applications.

IEE, Planar Military Products Gp. ...of detectors and optical filters

for UV-VIS-IR portion of electromagnetic spectrum. Black bodies, **radiation** sources, preamplifiers, and complete IR detector test systems.

Innovatek Microsystems, Inc. Smithfield Road Millerton, NY...Duane Ave. Santa Clara, CA 95054 Taziana Nilsen 408-727-0282 Product Line: VLSI test **laboratory** ; ATE software and interface boards.

interstate Electronics Corp. 1001 E. Ball Rd. P.O. Box...1231 Hart St. Utica, NY 13502 Don Sypek 315-797-4449 Product Line: Manufactures optical **radiation** measuring instruments, such as power and energy meters, suitable for testing laser range finders, and...components, calibration devices and instruments covering a frequency range of DC to 100 GHz.

Maxwell **Laboratories** , Inc. 8888 Balboa Ave. San Diego, CA 92123 Belvia Bailey 619-279-5100 Product Line...

14/3,K/7 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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02981016 SUPPLIER NUMBER: 04577212 (USE FORMAT 7 OR 9 FOR FULL TEXT)
'For-sale' sign out at Ampex.
Broadcasting, v111, p109(1)
Dec 15, 1986
ISSN: 0007-2028 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1250 LINE COUNT: 00100

TEXT:

...systems manufacturer Ampex is for sale, along with another six electronics businesses of \$12-billion **parent** company Allied-Signal of Morristown, N.J.

... Calif., and Hong Kong.

Its two main divisions manufacture audio-video products (videotape recorders and **accessories** , **switchers** and editing gear) and **magnetic** tape for video and audio recording and computer instrumentation. The company also has computer products...

...Allied-Signal move was not so much a sign of heavy fiscal pressure on the **parent** corporation or the companies being sold, as it was a move designed to gain Allied...page 102).

In other news, Ampex also last week announced the departure of former AVSD **Assistant** General Manager Mark C. Gray who has left to head a start-up company, Pinnacle...

14/3,K/8 (Item 1 from file: 141)
DIALOG(R)File 141:Readers Guide
(c) 2003 The HW Wilson Co. All rts. reserv.

03829213 H.W. WILSON RECORD NUMBER: BRGA98079213 (USE FORMAT 7 FOR FULLTEXT)
High-tech materials for the next millennium.
Minerd, Jeff.
The Futurist (Futurist) v. 32 no9 (Dec. '98) p. 8-9
WORD COUNT: 763

(USE FORMAT 7 FOR FULLTEXT)

...ABSTRACT: sources. Neutron scattering has already played a part in the development of computer floppy disks, **magnetic** credit card **strips** , and bulletproof **clothing** . A number of benefits that could stem from the project in the 21st century are...

TEXT:

... and healthier foods, according to advocates of the project, a collaboration of the five national **laboratories** operated by DOE.

Atoms and molecules are too small to actually see, even with the...

...that whisks the protons along for spallation will be six football fields long; and the **lab** housing the neutron beam will be "the size of a basketball arena," says Bill R. Appleton, associate **laboratory** director for the SNS.

Physicist Clifford Shull pioneered the use of neutron scattering to decipher the structure of materials at Oak Ridge National **Laboratory** in the 1950s. For this work, he was awarded the Nobel Prize for Physics in...

...Neutron Scattering Facility for the United States. Produced by the SNS office, Oak Ridge National **Laboratory**, P.O. Box 2008, MS-6266, Oak Ridge, Tennessee 37831. Telephone 1-423-574-4321...